

Title (en)

Surgical system including a plurality of handle assemblies

Title (de)

Chirurgisches System mit mehreren Griffanordnungen

Title (fr)

Système chirurgical comprenant une pluralité d'ensembles de poignées

Publication

EP 2742874 A3 20150520 (EN)

Application

EP 13197184 A 20131213

Priority

US 201213715364 A 20121214

Abstract (en)

[origin: EP2742874A2] A surgical system comprising a surgical instrument, a first handle assembly (100) and a second handle assembly (200) is disclosed. The surgical instrument comprises a shaft assembly (400) defining a longitudinal axis, an end effector (500) disposed adjacent a distal portion of the shaft assembly, and a control rod (140) disposed at least partially within the shaft assembly and being disposed in mechanical cooperation with the end effector. Actuation of the control rod effects a function of the end effector. The first handle assembly is configured for selective mechanical engagement with the control rod. The first handle assembly includes a power source (110) associated therewith. The second handle assembly is configured for selective mechanical engagement with the control rod. The second handle assembly is manually operable and is free from association with a power source.

IPC 8 full level

A61B 17/072 (2006.01)

CPC (source: CN EP US)

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A61B 2017/2927 (2013.01 - EP US); **A61B 2017/2929** (2013.01 - EP US)

Citation (search report)

- [XA] EP 2116193 A1 20091111 - TYCO HEALTHCARE [US]
- [A] US 2011022032 A1 20110127 - ZEMLOK MICHAEL A [US], et al
- [A] US 3120845 A 19640211 - HORNER DAVID B
- [A] US 2008035701 A1 20080214 - RACENET DAVID C [US], et al
- [A] US 2011009863 A1 20110113 - MARCZYK STANISLAW [US], et al
- [A] EP 2263568 A2 20101222 - TYCO HEALTHCARE [US]
- [A] US 5702408 A 19971230 - WALES KENNETH S [US], et al

Cited by

EP3476306A3; US10456134B2; CN111542273A; EP3108822A1; EP3639765A1; WO2016210039A1; US10517602B2; US11642134B2;
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DOCDB simple family (publication)

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AU 2017225137 A1 20171005; CA 2836287 A1 20140614; CN 103860228 A 20140618; CN 103860228 B 20171222;
JP 2014117604 A 20140630; JP 6306336 B2 20180404; US 10722222 B2 20200728; US 2014171923 A1 20140619

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